



Cat No: **STC481** - Stomach cancer/normal paired tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
STC48101	48	2mm	4um	6X8	H&E, IHC anti-Cytokeratin		

Recommended applications: For research use only. Designed for stomach normal vs cancer RNA or protein tissue profiling using IHC or ISH. Duplicated tumor tissues from each case are arrayed to minimize heterogeneity.

Description: 16 cases of stomach cancer (purple), each in duplicates, with corresponding uninvolved tissues (pink) from the same patients as controls. All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They all have a guaranteed six months' shelf-life at 4C from the date of shipment. Each slide has >95% tissue core retention.

Array position	Sex	Age	Pathology	Stage (TNM)	Anatomic site	Image
A1,B1	F	54	Adenocarcinoma grade I – II	T2N1M0	Stomach	
C1	F	54	Uninvolved stomach tissue of A1,B1	-	Stomach	
A2,B2	M	70	Adenocarcinoma grade I – II	T3N1M0	Stomach	
C2	M	70	Uninvolved colon tissue of A2,B2	-	Stomach	
A3,B3	F	69	Adenocarcinoma grade I – II	T2N1M1	Stomach	
C3	F	69	Uninvolved stomach tissue of A3,B3	-	Stomach	
A4,B4	M	66	Adenocarcinoma grade II	T2N1M0	Stomach	
C4	M	66	Uninvolved stomach tissue of A4,B4	-	Stomach	
A5,B5	M	41	Adenocarcinoma grade II	T2N1M0	Stomach	
C5	M	41	Uninvolved stomach tissue of A5,B5	-	Stomach	
A6,B6	M	56	Adenocarcinoma grade II	T2N0M0	Stomach	
C6	M	56	Uninvolved stomach tissue of A6,B6	-	Stomach	
A7,B7	M	51	Adenocarcinoma grade II	T2N0M0	Stomach	
C7	M	51	Uninvolved stomach tissue of A7,B7	-	Stomach	
A8,B8	M	65	Adenocarcinoma grade II – III	T3N1M0	Stomach	
C8	M	65	Uninvolved stomach tissue of A8,B8	-	Stomach	
D1,E1	M	74	Adenocarcinoma grade II – III	T2N2M0	Stomach	
F1	M	74	Uninvolved stomach tissue of D1,E1	-	Stomach	
D2,E2	F	67	Adenocarcinoma grade II – III	T3N1M0	Stomach	
F2	F	67	Uninvolved stomach tissue of D2,E2	-	Stomach	
D3,E3	M	58	Adenocarcinoma grade II – III	T2N0M0	Stomach	
F3	M	58	Uninvolved stomach tissue of D3,E3	-	Stomach	
D4,E4	M	40	Adenocarcinoma grade II – III	T2N1M0	Stomach	
F4	M	40	Uninvolved stomach tissue of D4,E4	-	Stomach	
D5,E5	M	57	Adenocarcinoma grade III	T3N1M0	Stomach	



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F5	M	57	Uninvolved stomach tissue of D5,E5	-	Stomach	
D6,E6	F	50	Adenocarcinoma grade III	T3N2M0	Stomach	
F6	F	50	Uninvolved stomach tissue of D6,E6	-	Stomach	
D7,E7	M	56	Adenocarcinoma grade III	T3N1M0	Stomach	
F7	M	56	Uninvolved stomach tissue of D7,E7	-	Stomach	
D8,E8	M	47	Adenocarcinoma grade III	T3N0M0	Stomach	
F8	M	47	Uninvolved stomach tissue of D8,E8	-	Stomach	

Notes: Please bake the slides at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

Certified by: Langxing Pan, M.D.

TNM Classification : Stomach carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

Tis - Carcinoma in situ, intraepithelial tumor without invasion of the lamina propria

T1 - Tumor invades lamina propria or submucosa

T2 - Tumor invades muscularis propria or subserosa

T3 - Tumor penetrates serosa (visceral peritoneum) without invasion of adjacent structures

T4 - Tumor invades adjacent structures

N - Regional lymph nodes

NX - Regional lymph nodes cannot be assessed

NO - No regional lymph node metastasis

N1 - Metastasis in 1 to 6 regional lymph nodes

N2 - metastasis in 7 -15 regional lymph nodes

N3 - metastasis in more than 15 regional lymph nodes

M - Distant metastasis

MX - Distant metastasis cannot be assessed

MO - No distant metastasis

M1 - Distant metastasis

TNM classification of malignant tumours, Fifth Edition (1997)